

# Public Health Awareness

**Team members :** Sasikala

Arathi

Savitha

Sudharshan reddy

Bhanu prakash reddy

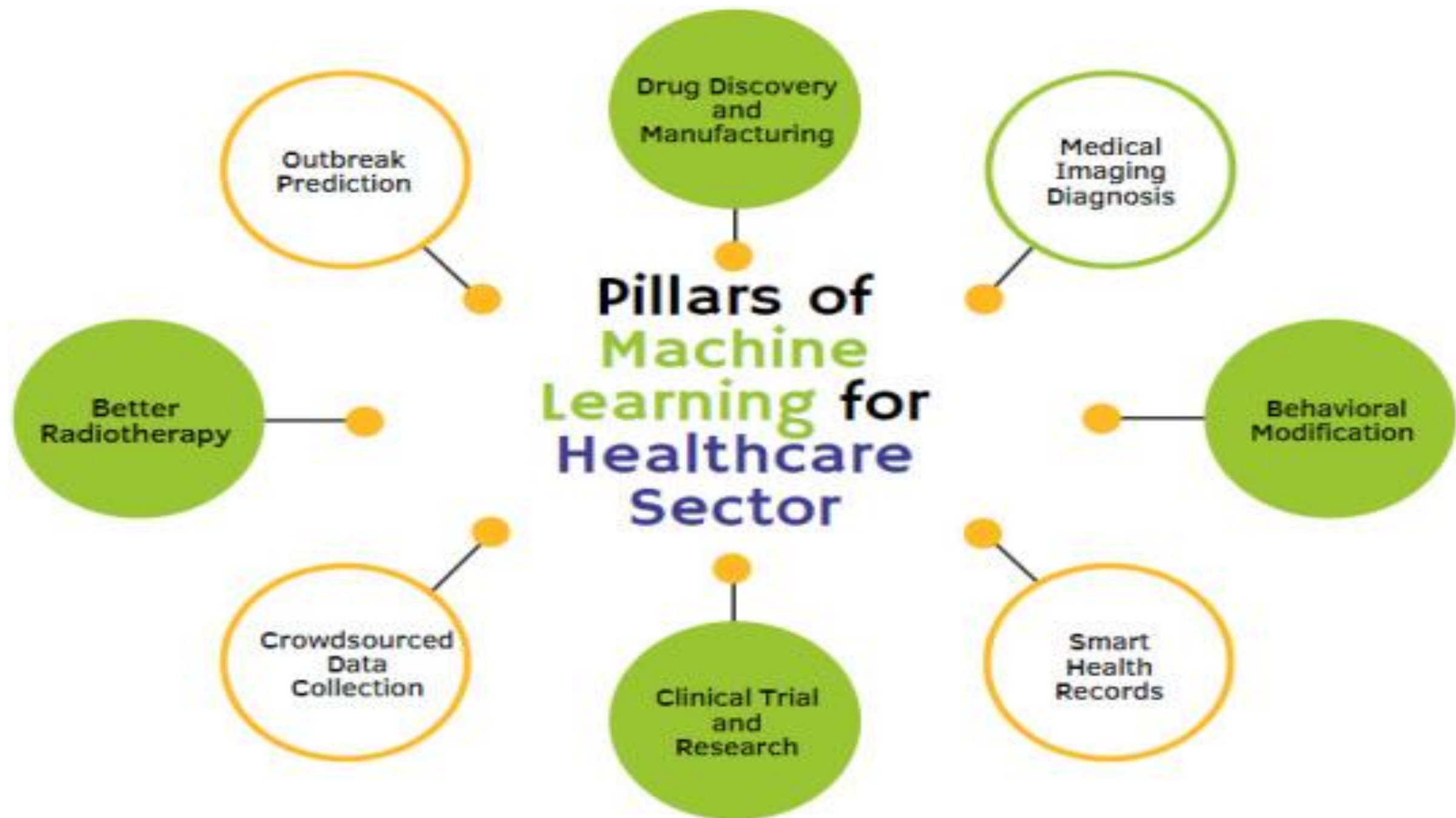
## Machine learning algorithm

Machine Learning (ML) is a subtype of Artificial Intelligence (AI) technology that aims to improve the speed and accuracy of physicians' work.

- This paper identifies the need for ML in healthcare.
- Paper identifies and discusses the significant applications of ML for Healthcare.
- Paper explores how ML-based tools are used to provide various treatment alternatives and individualised treatments and improve the overall efficiency of healthcare systems.
- Paper finds that ML will be crucial in developing clinical decision support, illness detection, and personalised treatment approaches to provide the best potential outcomes.

# Roles of machine learning

- Countries are currently dealing with an overburdened healthcare system with a shortage of skilled physicians, where AI provides a big hope.
- The healthcare data can be used gainfully to identify the optimal trial sample, collect more data points, assess ongoing data from trial participants, and eliminate data-based errors.
- ML-based techniques assist in detecting early indicators of an epidemic or pandemic.



# Ways for identification

- It identified and discussed the significant applications of ML for healthcare.
- The applications of this technology in healthcare operations can be tremendously advantageous to the organisation.
- ML-based tools are used to provide various treatment alternatives and individualised treatments and improve the overall efficiency of hospitals and healthcare systems while lowering the cost of care.
- Shortly, ML will impact both physicians and hospitals. It will be crucial in developing clinical decision support, illness detection, and personalised treatment approaches to provide the best potential outcomes.